,0280

#2

OIPE

RAW SEQUENCE LISTING DATE: 01/16/2002 PATENT APPLICATION: US/10/023,969 TIME: 18:33:34

```
ENTERED
      3 <110> APPLICANT: Geron Corporation
             Irving, John
      5
             Lebkowski, Jane
      7 <120> TITLE OF INVENTION: Chimeric Cytolytic Viruses for Cancer Treatment
      9 <130> FILE REFERENCE: 084,002
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/023,969
     12 <141> CURRENT FILING DATE: 2001-12-17
     14 <150> PRIOR APPLICATION NUMBER: 60/256,418
    15 <151> PRIOR FILING DATE: 2000-12-18
     17 <160> NUMBER OF SEQ ID NOS: 4
     19 <170> SOFTWARE: PatentIn version 3.1
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 15418
     23 <212> TYPE: DNA
     24 <213> ORGANISM: Homo sapiens
     26 <400> SEQUENCE: 1
     27 geggeegega getetaatae gaeteaetat agggegtega etegateaat ggaagatgag
                                                                               60
     29 gcattgccga agaaaagatt aatggatttg aacacacagc aacagaaact acatgaagtg
                                                                              120
     31 aaacacagga aaaaaaagat aaagaaacga aaagaaaagg gcatcagtga gcttcagcag
                                                                              180
     33 aagttccatc ggccttacat atgtgtaagc agaggccctg taggagcaga ggcaggggga
                                                                              240
     35 aaatacttta agaaataatg tctaaaagtt tttcaaatat gaggaaaaac ataaaaccac
                                                                              300
     37 agatccaaga agctcaacaa aacaaagcac aagaaacagg aagaaattaa aagttatatc
                                                                              360
    39 acagtcaaat tgctgaaaac cagcaacaaa gagaatatct taagagtatc agaggaaaag
                                                                              420
     41 agattaatga caggccaaga aacaatgaaa acaatacaga tttcttgtag gaaacacaag
                                                                              480
    43 acaaaagaca ttttttaaaa ccaaaaggaa aaaaaatgct acattaaaat gttttttacc
                                                                              540
                                                                              600
    45 cactgaaagt atatttcaaa acatatttta ggccaggctt ggtggctcac acctgtaatc
    47 ccagcacttt gggaggccaa ggtgggtgga tcgcttaagg tcaggagttc gagaccagcc
                                                                              660
    49 tggccaatat agcgaaaccc catctgtact aaaaacacaa aaattagctg ggtgtggtga
                                                                              720
    51 cacatgcctg taatcccagg tactcaggag gctaaggcag gagaattgct tgaactggga
                                                                              780
                                                                              840
    53 ggcagaggtg gtgagccaag attgcaccag tgcactccag ccttggtgac agagtgaaac
    55 tocatotoaa aaacaaacaa acaaaataca tatacataaa tatatatgca catatatata
                                                                              900
    57 catatataaa tatatataca catatataaa totatataca tatatacata tatacacata
                                                                              960
    59 tataaatcta tatacatata tatacatata taatatattt acatatataa atatatacat
                                                                             1020
                                                                             1080
    61 atataaatat acatatataa atacatatat aaatatacat atataaatat acatatataa
    63 atatacatat ataaatatat acatatataa atatacatat ataaatatat atacatatat
                                                                             1140
    65 aaatatataa atatacaagt atatacaaat atatacatat ataaatgtat atacgtatat
                                                                             1200
    67 acatatatat ataaatatat aaaaaaactt ttggctgggc acctttccaa atctcatggc
                                                                             1260
    69 acatataagt ctcatggtaa cctcaaataa aaaaacatat aacagataca ccaaaaataa
                                                                             1320
    71 aaaccaataa attaaatcat gccaccagaa gaaattacct tcactaaaag gaacacagga
                                                                             1380
    73 aggaaagaaa gaaggaagag aagaccatga aacaaccaga aaacaaacaa caaaacagca
                                                                             1440
    75 ggagtaattc ctgacttatc aataataatg ctgggtgtaa atggactaaa ctctccaatc
                                                                             1500
    77 aaaagacata gagtggctga atggacgaaa aaaacaagac tcaataatct gttgcctaca
                                                                             1560
    79 agaatatact tcacctataa agggacacat agactgaaaa taaaaggaag gaaaaatatt
                                                                             1620
    81 ctatgcaaat ggaaaccaaa aaaagaacag aactagctac acttatatca gacaaaatag
                                                                             1680
                                                                             1740
    83 atttcaaqac aaaaaqtaca aaaagagaca aagtaattat ataataataa agcaaaaaga
    85 tataacaatt gtgaatttat atgcgcccaa cactgggaca cccagatata tacagcaaat
                                                                             1800
    87 attattagaa ctaaggagag agagagatcc ccatacaata atagctggag acttcacccc
                                                                             1860
```

89	gcttttagca	ttggacagat	catccagaca	gaaaatcaac	caaaaaattg	gacttaatct	1920
91	ataatataga	acaaatgtac	ctaattgatg	tttacaagac	atttcatcca	gtagttgcag	1980
93	aatatgcatt	ttttcctcag	catatggatc	attctcaagg	atagaccata	tattaggcca	2040
95	cagaacaagc	cattaaaaat	tcaaaaaaat	tgagccaggc	atgatggctt	atgettgtaa	2100
97	ttacagcact	ttggggaggg	tgaggtggga	ggatgtcttg	agtacaggag	tttgagacca	2160
99	gcctgggcaa	aatagtgaga	ccctgtctct	acaaactttt	ttttttaatt	agccaggcat	2220
101	agtggtgtgt	gcctgtagtc	ccagctactt	aggaggetga	aqtqqqaqqa	tcacttgage	2280
103	ccaagagtto	aaggctacgg	, tgagccatga	ttgcaacacc	acacaccago	cttggtgaca	2340
105	gaatgagacc	ctgtctcaaa	aaaaaaaaa	aaaattgaaa	taatataaa	catcttctct	2400
107	ggccacagtg	gaacaaaacc	agaaatcaac	aacaagagga	attttgaaaa	ctatacaaac	2460
109	acatgaaaat	taaacaatat	acttctgaat	aaccagtgag	tcaatgaaga	aattaaaaag	2520
111	gaaattgaaa	aatttattta	agcaaatgat	aacggaaaca	taacctctca	aaacccacgg	2580
113	tatacagcaa	aagcagtgct	aagaaggaag	tttatagcta	taagcagcta	catcaaaaaa	2640
115	gtagaaaagc	: caggcgcagt	ggctcatgcc	tgtaatccca	gcactttggg	aggccaaggc	2700
117	gggcagatcg	cctgaggtca	ggagttcgag	accageetga	ccaacacaga	gaaaccttgt	2760
119	cgctactaaa	aatacaaaat	tagctgggca	tggtggcaca	tgcctgtaat	cccagctact	2820
121	cgggaggctg	aggcaggata	accgcttgaa	cccaggaggt	ggaggttgcg	gtgagccggg	2880
123	attgcgccat	tggactccag	cctgggtaac	aagagtgaaa	ccctgtctca	agaaaaaaa	2940
						agaaaagcaa	3000
127	gagcaaacta	aacctaaaat	tggtaaaaga	aaagaaataa	taaagatcag	agcagaaata	3060
129	aatgaaactg	aaagataaca	atacaaaaga	tcaacaaaat	taaaagttgg	ttttttgaaa	3120
131	agataaacaa	aattgacaaa	cctttgccca	gactaagaaa	aaaggaaaga	agacctaaat	3180
133	aaataaagtc	agagatgaaa	aaagagacat	tacaactgat	accacagaaa	ttcaaaggat	3240
135	cactagaggc	tactatgagc	aactgtacac	taataaattg	aaaaacctag	aaaaaataga	3300
137	taaattccta	gatgcataca	acctaccaag	attgaaccat	gaagaaatcc	aaagcccaaa	3360
139	cagaccaata	acaataatgg	gattaaagcc	ataataaaaa	gtctcctagc	aaagagaagc	3420
141	ccaggaccca	atggcttccc	tgctggattt	taccaatcat	ttaaagaaga	atgaattcca	3480
143	atcctactca	aactattctg	aaaaatagag	gaaagaatac	ttccaaactc	attctacatg	3540
145	gccagtatta	ccctgattcc	aaaaccagac	aaaaacacat	caaaaacaaa	caaacaaaaa	3600
147	aacagaaaga	aagaaaacta	caggccaata	tccctgatga	atactgatac	aaaaatcctc	3660
149	aacaaaacac	tagcaaacca	aattaaacaa	caccttcgaa	agatcattca	ttgtgatcaa	3720
						caatgtgata	3780
153	catcatccca	acaaaatgaa	gtacaaaaac	tatatgatta	tttcacttta	tgcagaaaaa	3840
155	gcatttgata	aaattctgca	cccttcatga	taaaaaccct	caaaaaacca	ggtatacaag	3900
157	aaacatacag	gccaggcaca	gtggctcaca	cctgcgatcc	cagcactctg	ggaggccaag	3960
159	gtgggatgat	tgcttgggcc	caggagtttg	agactagcct	gggcaacaaa	atgagacctg	4020
161	gtctacaaaa	aacttttta	aaaaattagc	caggcatgat	ggcatatgcc	tgtagtccca	4080
163	gctagtctgg	aggctgaggt	gggagaatca	cttaagccta	ggaggtcgag	gctgcagtga	4140
165	gccatgaaca	tgtcactgta	ctccagccta	gacaacagaa	caagacccca	ctgaataaga	4200
167	agaaggagaa	ggagaaggga	gaaaggaggg	agaagggagg	aggaggagaa	ggaggaggtg	4260
169	gaggagaagt	ggaaggggaa	ggggaaggga	aagaggaaga	agaagaaaca	tatttcaaca	4320
171	taataaaagc	cctatatgac	agaccgaggt	agtattatga	ggaaaaactg	aaagcctttc	4380
1/3	ctctaagatc	tggaaaatga	caagggccca	ctttcaccac	tgtgattcaa	catagtacta	4440
175	gaagtcctag	ctagagcaat	cagataagag	aaagaaataa	aaggcatcca	aactggaaag	4500
177	gaagaagtca	aattatcctg	tttgcagatg	atatgatctt	atatctggaa	aagacttaag	4560
1/9	acaccactaa	aaaactatta	gagctgaaat	ttggtacagc	aggatacaaa	atcaatgtac	4620
181	aaaaatcagt	agtatttcta	tattccaaca	gcaaacaatc	tgaaaaagaa	accaaaaaag	4680
102 TA3	cagctacaaa	taaaattaaa	cagctaggaa	ttaaccaaag	aagtgaaaga	tctctacaat	4740
T82	gaaaactata	aaatattgat	aaaagaaatt	gaagagggca	caaaaaaga	aaagatattc	4800

	187	catgttcata	gattggaaga	ataaatactg	ttaaaatgtc	catactaccc	aaagcaattt	4860
							atagaagaaa	4920
	191	caattctaag	atttgtacag	aaccacaaaa	gacccagaat	agccaaagct	atcctgacca	4980
							aaagctatag	5040
							aggaacagaa	5100
							aaaggtgcca	5160
					tcaataaatg			5220
	201	ccatatgcaa	aataacaata	ctagaactct	gtctctcacc	atatacaaaa	gcaaatcaaa	5280
					aactttgcaa			5340
					agacttcttg			5400
					tcatatcaag			5460
					acccacagaa			5520
					tatatataag			5580
	213	qaaaaacacc	taataaqctq	attttcaaaa	ataagcaaaa	gatctgggta	gacatttctc	5640
					tctgaaaatg			5700
					agatcatctc			~5760
					gtgaggatgt			5820
					actatggaga			5880
					tcccattgct			5940
					tcccacattt			6000
					atcaacagac			6060
					cataaaaaag			6120
	231	aacagcatgg	agaacactaa	trantatntt	aagtgaaata	adcgagaccc	agaaagagaa	6180
					caaaaattaa			6240
					acagggtgac			6300
					attgggttgt			6360
					accetgatgt			6420
					atataaaccc			
					cataatccca			6480 6540
					ccagtctggc			
					tggtggcaca			6600
	247	caggagggtg	acacaaaaac	attacttaaa	cctgggaggc	agagettage	cccaactact	6660
								6720
	252	accatyccac	cycactycay	ccigggigae	agagcaagac	LCCalcicaa	aacaaaaca	6780
					tgtaccgtat			6840
					ggtaattaac			6900
					aagtaaaagt			6960
					gttagacgct			7020
	70T	caattttaac	caaagacagg	ctgggagaag	ttaaagaggc	attetataag	ccctaaaaca	7080
					ttaattacca			7140
	203	aatcgagctg	cagaattggc	acgicigate	acaccgtcct	ctcattcacg	gtgcttttt	7200
•	20/	terrarge	ttggagattt	tcgattgtgt	gttcgtgttt	ggttaaactt	aatctgtatg	7260
4	209	aatcctgaaa	cgaaaaatgg	tggtgatttc	ctccagaaga	attagagtac	ctggcaggaa	7320
4	2/1 272	gcaggtggct	ctgtggacct	gagccacttc	aatcttcaag	ggtctctggc	caagacccag	7380
4	2/3	gtgcaaggca	gaggcctgat	gacccgagga	caggaaagct	cggatgggaa	ggggcgatga	7440
4	2/5	gaagcctgcc	tcgttggtga	gcagcgcatg	aagtgccctt	atttacgctt	tgcaaagatt	7500
4	2/7	gctctggata	ccatctggaa	aaggcggcca	gcgggaatgc	aaggagtcag	aagcctcctg	7560
4	4/9	CTCaaaccca	ggccagcagc	tatggcgccc	acccgggcgt	gtgccagagg	gagaggagtc	7620
4	γgΤ	aaggcacctc	gaagtatggc	ttaaatcttt	ttttcacctg	aagcagtgac	caaggtgtat	7680
4	283	tctgagggaa	gcttgagtta	ggtgccttct	ttaaaacaga	aagtcatgga	agcacccttc	7740

285	tcaagggaaa	a accagacgco	cgctctgcgg	, tcatttacct	ctttcctctc	tccctctctt	7800
287	gecetegegg	, tttctgatcg	r ggacagagtg	, acccccgtg	g agetteteeg	agcccgtgct	7860
289	gaggacccto	c ttgcaaaggg	ctccacagac	ccccgccctg	g gagagaggag	tctgagcctg	7920
291	l gcttaataac	c aaactgggat	: gtggctgggg	geggaeageg	g acggcgggat	tcaaagactt	7980
293	3 aattccatga	ı gtaaattcaa	cctttccaca	tccgaatgga	tttggatttt	atcttaatat	8040
295	tttcttaaat	: ttcatcaaat	. aacattcagg	agtgcagaaa	tccaaaggcg	taaaacagga	8100
297	'actgagctat	: gtttgccaag	gtccaaggac	: ttaataacca	tgttcagagg	gatttttcgc	8160
299) cctaagtact	: ttttattggt	. tttcataagg	tggcttaggg	, tgcaagggaa	agtacacgag	8220
301	. gagaggactg	r ggcggcaggg	ctatgagcac	ggcaaggcca	ccggggagag	agtccccggc	8280
303	ctgggaggct	: gacagcagga	ccactgaccg	tectecetgg	gagetgeeac	attqqqcaac	8340
305	gcgaaggcgg	r ccacgctgcg	tgtgactcag	gaccccatac	cggcttcctq	qqcccaccca	8400
307	cactaaccca	ggaagtcacg	gagctctgaa	cccgtggaaa	cgaacatgac	ccttqcctqc	8460
309	ctgcttccct	. gggtgggtca	agggtaatga	agtggtgtgc	aggaaatggc	catqtaaatt	8520
311	acacgactct	. gctgatgggg	accgttcctt	ccatcattat	tcatcttcac	ccccaaggac	8580
313	tgaatgatto	cagcaacttc	ttcgggtgtg	acaagccatg	acaacactca	gtacaaacac	8640
315	cactcttta	ctaggcccac	agagcacggc	ccacacccct	. gatatattaa	gagtccagga	8700
317	gagatgaggc	tgctttcagc	caccaggetg	gggtgacaac	agcqqctqaa	cagtctgttc	8760
319	ctctagacta	gtagaccctg	gcaggcactc	ccccagatto	tagggcctgg	ttgctgcttc	8820
321	ccgagggcgc	catctgccct	ggagactcag	cctggggtgc	cacactgagg	ccagccctgt	8880
323	ctccacaccc	tccgcctcca	ggcctcagct	tctccagcag	cttcctaaac	cctgggtggg	8940
325	ccgtgttcca	gcgctactgt	ctcacctgtc	ccactgtgtc	ttgtctcagc	gacgtagete	9000
327	gcacggttcc	tcctcacatg	gggtgtctgt	ctccttcccc	aacactcaca	tacattaaaa	9060
329	ggaggagatt	ctgcgcctcc	cagactggct	cctctgagcc	tgaacctggc	tcataacccc	9120
331	cgatgcaggt	tcctggcgtc	cggctgcacg	ctgacctcca	tttccaggcg	ctccccatct	9180
333	cctgtcatct	gccggggcct	gccggtgtgt	tcttctgttt	ctgtgctcct	ttccacqtcc	9240
335	agctgcgtgt	gtctctgtcc	gctagggtct	cggggttttt	ataggcatag	gacgggggg	9300
337	tggtgggcca	gggcgctctt	gggaaatgca	acatttgggt	gtgaaagtag	gagtgcctgt	9360
339	cctcacctag	gtccacgggc	acaggcctgg	ggatggagcc	cccgccaggg	acccgccctt	9420
341	ctctgcccag	cacttttctg	ccccctccc	tctggaacac	agagtggcag	tttccacaag	9480
343	cactaagcat	cctcttccca	aaagacccag	cattggcacc	cctggacatt	taccccacaa	9540
345	ccctgggaat	tcacgtgact	acgcacatca	tgtacacact	cccgtccacg	accgaccccc	9600
347	gctgttttat	tttaatagct	acaaagcagg	gaaatccctg	ctaaaatgtc	ctttaacaaa	9660
349	ctggttaaac	aaacgggtcc	atccgcacgg	tggacagttc	ctcacagtga	agaggaacat.	9720
351	gccgtttata	aagcctgcag	gcatctcaag	ggaattacgc	tgagtcaaaa	ctgccacctc	9780
353	catgggatac	gtacgcaaca	tgctcaaaaa	gaaagaattt	caccccatgg	caggggagtg	9840
355	gttggggggt	taaggacggt	gggggcagca	gctgggggct	actgcacgca	ccttttacta	9900
357	aagccagttt	cctggttctg	atggtattgg	ctcagttatg	ggagactaac	cataggggag	9960
359	tggggatggg	ggaacccgga	ggctgtgcca	tctttqccat	gcccgagtgt	cctgggcagg	10020
361	ataatgctct	agagatgccc	acgtcctgat	tcccccaaac	ctgtggacag	aacccgcccg	10080
363	gccccagggc	ctttgcaggt	gtgatctccg	tgaggaccct	gaggtctggg	atcetteggg	10140
365	actacctgca	ggcccgaaaa	gtaatccagg	ggttctggga	agaggcgggc	aggagggtca	10200
367	gaggggggca	gcctcaggac	gatggaggca	gtcagtctga	ggctgaaaag	ggagggaggg	10260
369	cctcgagccc	aggcctgcaa	gcgcctccag	aaqctqqaaa	aagcggggaa	gggaccetee	10320
371	acggagcctg	cagcaggaag	gcacggctqq	cccttagccc	accagggccc	atcotogacc	10380
373	teeggeetee	gtgccatagg	agggcactcq	cgctgccctt	ctagcatgaa	atatataaaa	10440
375	atttgcagaa	gcaacaggaa	acccatgcac	tgtgaatcta	ggattatttc	aaaacaaaaa	10500
3//	tttacagaaa	catccaagga	cagggctgaa	gtgcctccgg	gcaaqqqcaq	ggcaggcacg	10560
3/9	agtgatttta	tttagctatt	ttattttatt	tacttacttt	ctgagacaga	gttatgctct	10620
381	tgttgcccag	gctggagtgc	agcggcatga	tcttggctca	ctgcaacctc	cgtctcctga	10680
					-		

383	gttcaagcaa	ı ttctcgtgcc	tcagcctccc	aagtagctgg	gatttcaggo	gtgcaccacc	10740
385	acacccggct	: aattttgtat	: ttttagtaga	ı gatgggcttt	caccatgttg	gtcaggctga	10800
387	'tctcaaaatc	ctgacctcag	gtgatccgcc	cacctcagcc	tcccaaagtg	ctgggattac	10860
389	aggcatgagc	cactgcacct	ggcctattta	accattttaa	aacttccctg	ggctcaagtc	10920
391	. acacccactg	r gtaaggagtt	catggagtto	aatttccct	ttactcagga	gttaccctcc	10980
393	tttgatattt	tctgtaattc	ttcgtagact	ggggatacac	cgtctcttga	catattcaca	11040
395	gtttctgtga	ccacctgtta	ı tcccatggga	cccactgcag	gggcagctgg	gaggetgeag	11100
397	gcttcaggtc	: ccagtggggt	tgccatctgc	cagtagaaac	ctgatgtaga	atcagggcgc	11160
399	gagtgtggac	actgtcctga	atctcaatgt	ctcagtgtgt	gctgaaacat	gtagaaatta	11220
401	aagtccatcc	ctcctactct	. actgggattg	agccccttcc	ctatccccc	ccaggggcag	11280
403	aggagttcct	ctcactcctg	tggaggaagg	aatgatactt	tgttatttt	cactgctggt	11340
405	actgaatcca	ctgtttcatt	tgttggtttg	tttgttttgt	tttgagaggc	ggtttcactc	11400
407	ttgttgctca	ggctggaggg	agtgcaatgg	cgcgatcttg	gcttactgca	gcctctgcct	11460
409	cccaggttca	agtgattctc	ctgcttccgc	ctcccatttg	gctgggatta	caggcacccg	11520
411	ccaccatgcc	cagctaattt	tttgtatttt	tagtagagac	gagagtaga	gtggggttca	11580
413	ccatgttggc	caggctggtc	tcgaacttct	gacctcagat	gatccacctg	cctctgcctc	11640
415	ctaaagtgct	gggattacag	gtgtgagcca	ccatgcccag	ctcagaattt	actctgttta	11700
417	gaaacatctg	ggtctgaggt	aggaagetea	ccccactcaa	atattataat	gttttaagcc	11760
419	aatgatagaa	tttttttatt	gttgttagaa	cactcttgat	gttttacact	gtgatgacta	11820
421	agacatcatc	agcttttcaa	agacacacta	actgcaccca	taatactggg	gtgtcttctg	11880
423	ggtatcagcg	atcttcattg	aatgccggga	ggcgtttcct	caccatacac	atggtgttaa	11940
425	ttactccagc	ataatcttct	gcttccattt	cttctcttcc	ctcttttaaa	attgtgtttt	12000
427	ctatgttggc	ttctctgcag	agaaccagtg	taagctacaa	cttaactttt	gttggaacaa	12060
429	attttccaaa	ccgccccttt	gccctagtgg	cagagacaat	tcacaaacac	agccctttaa	12120
431	aaaggcttag	ggatcactaa	ggggatttct	agaagagcga	cccgtaatcc	taagtattta	12180
433	caagacgagg	ctaacctcca	gcgagcgtga	cagcccaggg	agggtgcgag	gcctgttcaa	12240
435	atgctagctc	cataaataaa	gcaatttcct	ccggcagttt	ctgaaagtag	gaaaggttac	12300
437	atttaaggtt	gcgtttgtta	gcatttcagt	gtttgccgac	ctcagctaca	gcatccctgc	12360
439	aaggcctcgg	gagacccaga	agtttctcgc	cccttagatc	caaacttgag	caacccggag	12420
441	tctggattcc	tgggaagtcc	tcagctgtcc	tgcggttgtg	ccaaaacccc	aggtctggag	12480
443	gggaccagtg	gccgtgtggc	ttctactgct	gggctggaag	tegggeetee	tagctctgca	12540
445	gtccgaggct	tggagccagg	tgcctggacc	ccgaggctgc	cctccaccct	atacaaacaa	12600
447	gatgtgacca	gatgttggcc	tcatctgcca	gacagagtgc	cqqqqcccaq	ggtcaaggcc	12660
449	gttgtggctg	gtgtgaggcg	cccggtgcgc	ggccagcagg	agcgcctggc	tccatttccc	12720
451	accctttctc	gacgggaccg	ccccggtggg	tgattaacag	atttggggtg	gtttgctcat	12780
453	ggtggggacc	cctcgccgcc	tgagaacctg	caaagagaaa	tgacgggcct	gtgtcaagga	12840
455	gcccaagtcg	cggggaagtg	ttgcagggag	gcactccggg	aggtcccgcg	tacccatcca	12900
457	gggagcaatg	cgtcctcggg	ttcgtcccca	gccgcgtcta	cacacctcca	tecteceett	12960
459	cacgtccggc	attcgtggtg	cccggagccc	gacgccccgc	gtccggacct	ggaggcagcc	13020
461	ctgggtctcc	ggatcaggcc	agcggccaaa	gggtcgccgc	acqcacctqt	teccaggge	13080
463	tccacatcat	ggcccctccc	tcgggttacc	ccacagccta	ggccgattcg	acctctctcc	13140
465	gctggggccc	tcgctggcgt	ccctgcaccc	tgggagcgcg	agcggcgcgc	gggcggggaa	13200
467	gcgcggccca	gacccccggg	tccgcccgga	gcagctgcgc	tatcaaaacc	aggccgggct	13260
469	cccagtggat	tcgcgggcac	agacgcccag	gaccgcgctt	cccacqtqqc	ggagggactg	13320
471	gggacccggg	cacccgtcct	gccccttcac	cttccagctc	cgcctcctcc	qcqcqqaccc	13380
473	cgccccgtcc	cgacccctcc	cgggtccccq	gcccagcccc	ctccqqqccc	teccageeee	13440
475	tccccttcct	ttccgcggcc	ccgccctctc	ctcgcggcgc	gagtttcagg	cagcqctqcq	13500
477	tcctgctgcg	cacgtgggaa	gccctggccc	cggccacccc	cgcgatgccg	cacactacca	13560
479	gctgccgagc	cgtgcgctcc	ctgctgcgca	gccactaccg	cgaggtgctg	ccgctggcca	13620

VERIFICATION SUMMARY

DATE: 01/16/2002

PATENT APPLICATION: US/10/023,969

TIME: 18:33:35

Input Set : A:\084,002 - SeqList.ST25.txt \ Output Set: N:\CRF3\01162002\J023969.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number